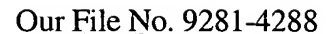


CDC



In re Application of:

Patent No.: 7,050,275 B2

Issue Date: May 23, 2006

Serial No.: 10/079,292

Filing Date: February 20, 2002

For: Exchange Coupled Film Having Improved
Current-Carrying Reliability And Improved
Rate Of Change In Resistance And Magnetic
Sensing Element Using Same

Examiner: Christopher R. Magee

Group Art Unit: 2653

Certificate
SEP 13 2006
of Correction

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Certificate of Corrections Branch

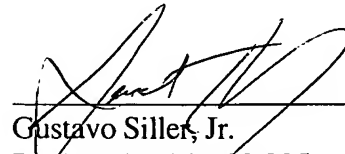
Sir:

Please issue a Certificate of Correction for the above-identified patent to correct the errors listed on the accompanying PTO Form 1050. This request is being made pursuant to 35 U.S.C. § 254, since the errors comprise minor or typographical errors by the Patent and Trademark Office.

SEP 13 2001

The Commissioner is hereby authorized to charge any fees required to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Gustavo Siller, Jr.
Registration No. 32,305
Attorney for Applicants

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P.O. Box 10395
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10/10/10

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO : 7,050,275 B2
APPLICATION NO. : 10/079,292
ISSUE DATE : May 23, 2006
INVENTOR(S) : Naoya Hasegawa et al.

Page 1 of 1

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims

Column 56, in claim 9, line 4, delete "0%x%70" and substitute --0≤x≤70-- in its place.

Column 56, in claim 10, line 3, delete "0%x%50" and substitute --0≤x≤50-- in its place.

Column 56, in claim 11, line 3, delete "0%x%30" and substitute --0≤x≤30-- in its place.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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PATENT NO. 7,050,275 B2

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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100 1 2 3 4 5 6 7 8 9 10 11 12

**UNITED STATES PATENT AND TRADEMARK OFFICE
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